

49 Disguised Adware Apps with Optimized Evasion Features Found on Google Play

Appendix

Indicators of Compromise (IoCs)

SHA256	Package name	Name	Version
822414FFFD50611AA382E20E47D E83655896E2D5CE3CF89B1CFB897 42351F02	com.ezn.catrealhaircuts	Cat Real Haircuts	1
07A27FCC37423F2CBA647DA9AEE 7A481FEED786AC4698563648D99C E3115E1D9	com.ezn.catrealhaircuts	Cat Real Haircuts	1.1
B8BE6A5814192D58D6A9768CBE88 7B516AF815465ADD979B794C5295 D19C32F6	com.ezn.catrealhaircuts	Cat Real Haircuts	1.2
1689508730FED5EC54630B97A87B B2B0EA84B330F9F16E1F7428FAFB DE36F9F9	com.ezn.catrealhaircuts	Cat Real Haircuts	1.2
6222AB87AA915530F310C1D501289 5D46F4661D2F287763FE15DE45161 AEC4B9	com.ezn.catrealhaircuts	Cat Real Haircuts	1.4
5B5E739CA7C6975759BD07BD42D6 B99ECA4850DBA13C577DF524B300 92430C1C	com.motor.bikerace	Motor Bike Racing	1
E56BB5D88940D34B8F31934EEF73 E82AF7656A490497DABFC9584800 0E709D35	com.motor.bikerace	Motor Bike Racing	2
B45A212DC7A75AEDFC49AB1D119 9087EA0CFED07A680AF33FB914B7 B457E1C08	com.motor.bikerace	Motor Bike Racing	1
78AAE5F1AE5F4CCA4DC593860BA 93F8C39B58C8CAD6801A6E7CC5A F728002697	com.motor.bikerace	Motor Bike Racing	1
0D07FDB32EEACFF8936523AA358C F648B2F822CEA2D743461DDFD1C4 A75AF971	com.motor.bikerace	Motor Bike Racing	3
C9AD959A39F585934E160E65E396 7B25A3B7AE3081CD7632F99BA0B3 E4D21BF7	com.motor.bikerace	Motor Bike Racing	1
896E107C286D3BEC4B33BCA97611 5E3FBD017CDEF55F3BEEEE871ADB 862E99D3F	com.house.ygy.paint.pai nt.puzzle	House Painting	1.0.3
E1086BAEAB27F90D29C2372A4619 7792467C3462CE371E5FE75771B44 349F299	com.house.ygy.paint.pai nt.puzzle	House Painting	1.0.2

1D819E5634D44CC801579D12C07A A1538D13844A6189D20E5A0353C3 61756340	com.house.ygy.paint.pai nt.puzzle	House Painting	1.3.4
DF94A10F4102B2AA0AB7849F9202 EB424494A97294F5718559726E05F FF5D4EC	com.house.ygy.paint.pai nt.puzzle	House Painting	1.3.4
1F62308623AE3CA8A73AFE676763 99D6161374B27F8C9F71E5425A846 8695F01	com.house.ygy.paint.pai nt.puzzle	House Painting	1.0.1
922E4E80528753AD9457D8AB6B39 DAF6FBC72F34AE4EBE596F5D3459 D1061120	com.house.ygy.paint.pai nt.puzzle	House Painting	1.0.1
B9272DC2352632DF637EB13C3559 9C002F8047A5F9B265E30953CCAA 243D42E2	com.house.ygy.paint.pai nt.puzzle	House Painting	1.0.1
A68E8930645FF76F10D73132C9D06 2FD154D02904DE4BD49A47A92CA6 D66840A	com.house.ygy.paint.pai nt.puzzle	House Painting	1.3.4
E347DB4F27FC2005B628E548E9FE D3D0D9EC6738C2C208AC68A55AC 1640635FC	com.house.ygy.paint.pai nt.puzzle	House Painting	1.3.4
49EBD9629B7E4125F0FD33B21560 A02B7D7D9A8C8A5C031758F6242F 66CB7902	com.tattoo.maker.photo. design.huiho	Tattoo Maker	1
169E69FCDECB6274F89E8BE1C802 C687B2DEAF480DD3081091A0C953 0F2C2B2B	com.tattoo.maker.photo. design.huiho	Tattoo Maker	2
D08EE3FBB07A64F9486DC9499FA9 EC1E4F29BC906AF1E7F4ED09E4A 95301D82F	com.games.balls.escape .ballsout	Balls Escape	1.0.2
C96FD706AB14F0F3C51FDFB7F771 8BB6B4E8D8AFF4AB9F45F2053805 09FC5ADE	com.games.balls.escape .ballsout	Balls Escape	1.0.1
2599AE158C3BD052DFAAEC8A8551 7851F6B352A6755A9436FDD16D25 246A12A1	com.games.balls.escape .ballsout	Balls Escape	1.0.2
BDFBB6CE4EFD872B567C05BCC8D B52111EB3417E92C9C516F554090F 9FFB4CE3	com.games.balls.escape .ballsout	Balls Escape	1.0.3
77AB9DA6D1FF96F15C04BD05FD86 AD8AAF745B09E489259BE4EAD7D B6A689C25	com.games.balls.escape .ballsout	Balls Escape	1.0.4

7C7546D69871E2969385EE3701D9 A793B6A9425C14146B4A344CD161 05129631	com.games.balls.escape .ballsout	Balls Escape	1.0.5
1B30320790ED302A4EC9A864BC1A 9FCF45FFF0A28A8C5287FB8926CE 45214428	com.games.balls.escape .ballsout	Balls Escape	1.0.5
37FE68DEF72D6046E6AFE3F822DE 1B01B32604A527CAB9B4528CA908 56DBB844	com.games.balls.escape .ballsout	Balls Escape	1.0.7
E9B0BF4F30D7212569EFBFE20CED 706B7FC3D58DBABD79BA44C191D 3AE7D64A4	com.games.balls.escape .ballsout	Balls Escape	1.0.7
ED86C4C2D379F456752ACB98F680 D09BF2B315D626F7C18BC344F3C3 3E31A73C	com.games.balls.escape .ballsout	Balls Escape	1.0.8
106E7726B8A5937F3A81D2254D4A 78CF6A522C4A83946FB55EA1B182 79F9D628	com.games.balls.escape .ballsout	Balls Escape	1.0.8
5B76CB52ED30FB9928D24D5AB436 8FF7F92697D82F39FECFD05FD52C 231D3768	com.beautiful.house.pain t.game	Beautiful House Paint	1.0.1
61D08BB8CA4FF1311838DF22CF2C 59EF9A4B523768B33B8B3E3ACD0F 75B8F44A	com.beautiful.house.pain t.game	Beautiful House Paint	1.0.2
023CEDB4B3B1CDA675CC864486E 6D7FB5A2E1D8773BCBD7079D960 B058ED3851	com.beautiful.house.pain t.game	Beautiful House Paint	1.0.1
799F1687730351136584308947C3E8 5384223D81D568C61C40D1F822C7 2E57E3	com.beautiful.house.pain t.game	Beautiful House Paint	1.0.2
A48272B077C3B6021C84AD4CB245 98619ECA796B5AB63BC99B7DE097 E7C1EFB0	com.beautiful.house.pain t.game	Beautiful House Paint	1.0.2
21D29EC735988AB041D1F2C747FF 513E47CCBC2AB356EDA831AB06D 481459580	com.beautiful.house.pain t.game	Beautiful House Paint	1.0.2
BE5AAB5C7CECE4543524B186B78 E93DBAA5A8828F64648E5913BD49 E32324591	com.games.balls.out.puz zle.funny	Balls Out Puzzle	1.0.3
E5A8ED6826B0FEC66E6EEE43D62 0A623E618C22B5346B0CC4DD4334 28D05F9BF	com.games.balls.out.puz zle.funny	Balls Out Puzzle	1.0.1

BC80F93F6838C0293C035E23A739 A702044DD7FF939699367D84286E9 0215FDA	com.games.balls.out.puz zle.funny	Balls Out Puzzle	1.0.4
1F6924F9616B4D10467F0CF29C 98DCB4D353E8613C1F463ACA4D07 7D3808CB	com.games.balls.out.puz zle.funny	Balls Out Puzzle	1.0.3
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E291A40C284059D0DBB4CF77633ACBCBC7DA50E3EA2F6395E5CFDACC30859161A	com.magic.superpower.special.fx.bxht	Magic Super power : Movies Special Effects	1
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FF2C5D1D5F824BCE1C0DB13EC5C2B88A0E23951CE63C32E1F83AEF34A23A5368	com.musical.road.games .running	Musical Rolling Road	1.4.1
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4E55DFD81D5E05B8012DAA45D047F3E19586F3A3BFA0BE4F0E91B33DE21530F8	com.musical.road.games .running	Musical Rolling Road	1.4.3
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01474AB4A6D587FD1DC21D6BB66B5C96B39D37407E83BE11FC0775E D228BE637	com.photo.effect.smoke. cibavb	Photo Smoke Effect	1.3

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639F3463D21A597D4EB568A44D0A7A049E771AB2D3D1ACADDB80768852F76826	com.slice.ygy.master.game	Slice Master	1.0.3
8B6B09DAF5EA9F846A52603753F38F2CF1F86609344C91E2E8E4D82ED8726F33	com.slice.ygy.master.game	Slice Master	1.0.3
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D2D4F667598655D0AC0B98A1CEE40093F6324B9A98ED7F46CF43152D06A02D6D	com.light.editor.magic.photo.busdgvr	Neon Light Photo Editor - Magic Effect	4
744D1F2EB1A3DE4FFD95F06EDCEBC7291AD7CEFA508CA0302CF4F57F329F3EF0	com.photo.trippy.filter.visojger	Trippy Effects:Photo & Camera Filters	1
779FFAE5AACB10460F05B046FC8ACE56A1C9BC762626712E81CBBAD11F156101	com.photo.trippy.filter.visojger	Trippy Effects:Photo & Camera Filters	2
0EF1B9F5792F1CC1E17DDC26D1E2459AAB7911F157A1D7D9249AB47617B30A02	com.photo.trippy.filter.visojger	Trippy Effects:Photo & Camera Filters	3
A2B4CFD3ECCE9C56B55B9C7CB990FD5F3D3E757255B525D73681B94EEBC2EFE5	com.photo.trippy.filter.visojger	Trippy Effects:Photo & Camera Filters	4
18C86A00CCCBE94256104C4E6372B9FAA36E59D2CD73B3509F749119354C71B6	com.beauty.phone.fun.faker.karyz	Funny Fake	1.0.4
926D6E092AE623A6C727EECC312171F57D7D4C1FB44231697BD2969E6454361E	com.beauty.phone.fun.faker.karyz	Funny Fake	1.0.4
361F2CEADF27F28B29E3C1A9B1016B439EC4E239DEB918D2B37D4CFAD3A63728	com.color.splash.photo.effect.azmo	Color Splash Photo Effect	2
C06C1F68BA7F0B23EA130E5DDB8A7D5DE5EBBFB07CFF81DA20BE56139E5586D3	com.games.mili.running.dinosaur.funny	Running Dinosaur	1.0.0
421A20AE8F617456124E965F7FEC E927529AF347100B5D2A0D9FCA38033460B2	com.games.mili.running.dinosaur.funny	Running Dinosaur	1.0.1
7055BC526E8054FB7CC392C3E29BA3880B0B3BD715452EAC804817E438257A4D	com.games.mili.running.dinosaur.funny	Running Dinosaur	1.0.1
293CB3F3B5C2C461B6F85B392F5963C786F4810F76A17482F2016A2F089EFC15	com.photo.art.pencil.vnkru	Magic Pencil Sketch Effect	1
FC064779108F24373061367EB6F26D6966D52C28DC776396429F0CF81ACFEDCA	com.photo.art.pencil.vnkru	Magic Pencil Sketch Effect	3

D548881389F478C972822EE31EDD735B1566C5D412D13EABB0D20A8405BC4462	com.photo.art.pencil.vnkru	Magic Pencil Sketch Effect	3
1B27DA038BB9238245192F5AECC5344DCAFF87DD9C085E828926BEC3881EB674	com.rulling.ygy.difference.game	Rulling the difference	1.0.0
9FA343C5C3D8DF718C3E8F2E705E4487FC03F86727A0FE0D3FDEA045094EFEEE	com.rulling.ygy.difference.game	Rulling the difference	1.0.2
77C9E9E3BD392D45CCA460BD9BB666B6D2DCB1F1C93A5B6F6D43FDBE8ADF0AF7	com.newgame.bullet.master.gun	Bullet Master	1.0.8
DC79EB25DC2EBE22BD8F9C438959E067BD19CA708F4C9F9D2717320EC55DE1EA	com.bibles.games.cut.getables.puzzle	Cut Perfectly	1.1.8
7A297F03BC313B9CC4CA05A96F95DFFC774CC30BD41E90C3FC440E4416C47CFD	com.bibles.games.cut.getables.puzzle	Cut Perfectly	1.1.2
D616D5C780CA98101CDF4B51F76302BFA604694F836D4BBC224DF099D7DF7A59	com.bibles.games.cut.getables.puzzle	Cut Perfectly	1.0.3
79999F534F4E8A3BB86BF0BE2AE0E8EA793AFD1ED73E64B49B929A0BF382CB31	com.colorful.musical.ball.s.game.fillkk	Musical Balls	1.5.8
2E3E4D97647B02051B09FC9FF6488D2475E4DD74E275E7ABF8A98D4B67E6389B	com.colorful.musical.ball.s.game.fillkk	Musical Balls	1.6.8
674D52D49C402E6DF295BDEC35CD21D9747F4CC4E9D23DD0FC6060AA0BBDBDE1	com.colorful.musical.ball.s.game.fillkk	Musical Balls	1.6.8
93A4AE66797DA693AEF82CE03491AAD39632B5B48E0AEA6610B3141065A4DAE9	com.colorful.musical.ball.s.game.fillkk	Musical Balls	1.5.9
1C2D8FA8C97C9C5949871B181584CAEC3E339B87B9C74A994027C976A25D1B8F	com.colorful.musical.ball.s.game.fillkk	Musical Balls	1.5.8
988567BDB1ACE47FD59AA13577E3F452789FF7CB10A9A07C049BC67EEB500813	com.colorful.musical.ball.s.game.fillkk	Musical Balls	1.8.9
6F7528186444736457A0E9E2A2BC64ADA8BF454C1CADA53DE8F10E6F44F318E2	com.test.ooooo	House Drawing Paint	1.1.8

9433304AF0879D573D50FBA9D6E2 45FB81ED5D2ADEC613661283687A CAF1556D	com.test.oooooo	House Drawing	1.3.4
4DA283B13123BEE5B1A5F022A8A6 EC807F3047ECAE6A55645179FFE9 6BF48CCE	com.reverse.video.editin g.magic.edha	Reverse Video Editing	1.2
2CE3C118909ACA5C342FA7296D36 525F447FAF01E24A09BA6CB25E62 DF625C22	com.reverse.video.editin g.magic.edha	Reverse Video Editing	1.3
2E0779647A619723231317DCE5BC 5D6620AC99B95CF654DE6A9022B6 A6381541	com.reverse.video.editin g.magic.edha	Reverse Video Editing	1.4
54AA492A6DD37C44DA949BB40937 F343DAE580DC2ECAD23FAE6B0F7 65598CA1D	com.reverse.video.editin g.magic.edha	Reverse Video Editing	1.4
914BBC1A86B0DFA220D94A507AA8 25985EE59684874816A3BAC97E8B1 B1C0EB5	com.love.pair.sweet.pink. fards	Love Pair	1.2
237C7DED4338FAFA3662F6F28A5F 91E249E1D64BC4FE2424237B6E05 9163C2F0	com.love.pair.sweet.pink. fards	Love Pair	1.2
E21EF9FC45AA542B8F59A04B5AAD FD4DDC00C7C578911C11DE2E41D 1210B18D3	com.love.calculator.really .ysga	True love Calculator 1012	1
3F9463519E81F482D24AA93093BF0 DD58F6DDADA1ADF0645D07B124E 7D70B8F8	com.love.calculator.really .ysga	True love Calculator 1012	1
686F429221F084B843DF0D5B3BA48 398F68745C9DD7C6EA40632D06DA 9D7C233	com.love.calculator.love.t est	True love Calculator 1012	1
379E2BC0F3957E609CE49E0357569 896F74CE13C81EC4E591D50F4FD9 D452693	com.photo.ghost.effect.c bhsr	Ghost Prank	1

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